

ABSTRACT OF THE DISCLOSURE

5 A developing sleeve for a magnetic brush
developing unit, which is provided with a plurality of
axially parallel grooves formed at a predetermined
pitch in the circumferential direction on the surface
thereof, is disclosed. Each of the grooves and the
interfacing portion between each groove and its
adjacent circumferential surface curve gradually and
10 gently in section in the circumferential direction of
the developing sleeve. The pitch for the formation of
the grooves is set to be equal to or larger than the
difference in travel length between the surface of the
developing sleeve and that of a photosensitive drum
15 during the time required for a point on the
photosensitive drum to move along the full length of a
developing area.

